

b20  
2/12/07

=&gt; d his full

(FILE 'HOME' ENTERED AT 13:48:32 ON 12 FEB 2007)

FILE 'REGISTRY' ENTERED AT 13:48:44 ON 12 FEB 2007

L1 STRUCTURE UPLOADED  
D QUERY  
L2 50 SEA SSS SAM L1  
L3 SCREEN 2040  
L4 STRUCTURE UPLOADED  
L5 QUE ABB=ON PLU=ON L4 AND L3  
D L5  
L6 50 SEA SSS SAM L4 AND L3  
L7 171972 SEA SSS FUL L4 AND L3

FILE 'CAPLUS' ENTERED AT 13:50:51 ON 12 FEB 2007

L8 92513 SEA ABB=ON PLU=ON L7  
L9 1208892 SEA ABB=ON PLU=ON CU OR COPPER  
L10 2981 SEA ABB=ON PLU=ON L8 AND L9  
L11 961655 SEA ABB=ON PLU=ON CATALYST  
L12 221 SEA ABB=ON PLU=ON L10 AND L11  
D L12 1-221 ABS IBIB

FILE 'REGISTRY' ENTERED AT 14:06:25 ON 12 FEB 2007

L13 SCREEN 2040  
L14 STRUCTURE UPLOADED  
L15 QUE ABB=ON PLU=ON L14 AND L13  
D L15  
L16 50 SEA SSS SAM L14 AND L13  
L17 26368 SEA SSS FUL L14 AND L13

FILE 'CAPLUS' ENTERED AT 14:07:48 ON 12 FEB 2007

L18 8894 SEA ABB=ON PLU=ON L17  
L19 22 SEA ABB=ON PLU=ON L18 AND L9 AND L11  
D L19 1-22 ABS IBIB

FILE 'REGISTRY' ENTERED AT 14:10:10 ON 12 FEB 2007

L20 SCREEN 2040  
L21 STRUCTURE UPLOADED  
L22 QUE ABB=ON PLU=ON L21 AND L20  
D L22  
L23 20 SEA SSS SAM L21 AND L20  
L24 310 SEA SSS FUL L21 AND L20

FILE 'CAPLUS' ENTERED AT 14:12:11 ON 12 FEB 2007

L25 187 SEA ABB=ON PLU=ON L24  
L26 0 SEA ABB=ON PLU=ON L25 AND L9 AND L11

FILE 'REGISTRY' ENTERED AT 14:13:04 ON 12 FEB 2007

L27 SCREEN 2040  
L28 STRUCTURE UPLOADED  
L29 QUE ABB=ON PLU=ON L28 AND L27  
D L29  
L30 32 SEA SSS SAM L28 AND L27  
L31 825 SEA SSS FUL L28 AND L27

FILE 'CAPLUS' ENTERED AT 14:14:05 ON 12 FEB 2007

L32 1004 SEA ABB=ON PLU=ON L31  
L33 1 SEA ABB=ON PLU=ON L32 AND L9 AND L11  
D L33 ABS IBIB

FILE 'REGISTRY' ENTERED AT 14:14:34 ON 12 FEB 2007  
L34 SCREEN 2040  
L35 STRUCTURE UPLOADED  
L36 QUE ABB=ON PLU=ON L35 AND L34  
D L36  
L37 49 SEA SSS SAM L35 AND L34  
L38 12096 SEA SSS FUL L35 AND L34

FILE 'CAPLUS' ENTERED AT 14:15:19 ON 12 FEB 2007  
L39 8436 SEA ABB=ON PLU=ON L38  
L40 67 SEA ABB=ON PLU=ON L39 AND L9 AND L11  
D L40 1-67 ABS IBIB

FILE 'REGISTRY' ENTERED AT 14:19:05 ON 12 FEB 2007  
L41 SCREEN 2040  
L42 STRUCTURE UPLOADED  
L43 QUE ABB=ON PLU=ON L42 AND L41  
D L43  
L44 50 SEA SSS SAM L42 AND L41

FILE 'CAPLUS' ENTERED AT 14:20:08 ON 12 FEB 2007  
L45 386560 SEA ABB=ON PLU=ON AMMONIUM?  
L46 130988 SEA ABB=ON PLU=ON QUATERNARY?  
L47 449058 SEA ABB=ON PLU=ON L45 OR L46  
L48 3295 SEA ABB=ON PLU=ON L47 AND L9 AND L11

FILE 'REGISTRY' ENTERED AT 14:21:28 ON 12 FEB 2007  
L49 STRUCTURE UPLOADED  
D QUERY  
L50 985668 SEA SSS FUL L49  
L51 1670224 SEA ABB=ON PLU=ON AMINE

FILE 'CAPLUS' ENTERED AT 14:24:17 ON 12 FEB 2007  
L52 1530042 SEA ABB=ON PLU=ON ?AMINE  
L53 606 SEA ABB=ON PLU=ON L52 AND L48  
D L53 1-606 IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 FEB 2007 HIGHEST RN 920490-65-9  
DICTIONARY FILE UPDATES: 11 FEB 2007 HIGHEST RN 920490-65-9

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE CAPLUS

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FILE COVERS 1907 - 12 Feb 2007 VOL 146 ISS 8  
FILE LAST UPDATED: 11 Feb 2007 (20070211/ED)

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=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

741.06

2692.00

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-241.80

FILE 'STNGUIDE' ENTERED AT 14:55:07 ON 12 FEB 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

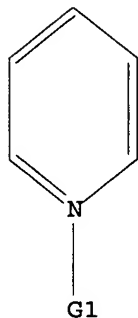
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 9, 2007 (2007020

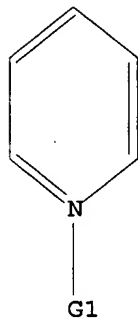
=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

=> d l4  
L4 HAS NO ANSWERS  
L4 STR

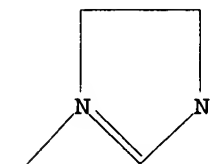


G1 C,H

*and charge*

Structure attributes must be viewed using STN Express query preparation.

=> d l14  
L14 HAS NO ANSWERS  
L14 STR

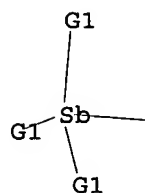


G1 C,H

*and charge*

Structure attributes must be viewed using STN Express query preparation.

=> d 121  
L21 HAS NO ANSWERS  
L21 STR

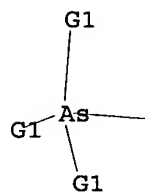


G1 C,H

*and change*

Structure attributes must be viewed using STN Express query preparation.

=> d 128  
L28 HAS NO ANSWERS  
L28 STR

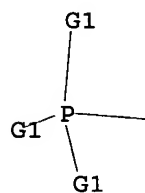


G1 C,H

*and change*

Structure attributes must be viewed using STN Express query preparation.

=> d 135  
L35 HAS NO ANSWERS  
L35 STR

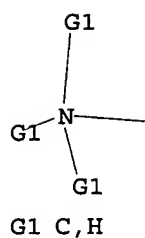


G1 C,H

*and change*

Structure attributes must be viewed using STN Express query preparation.

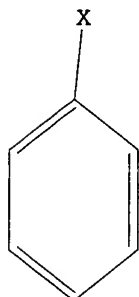
=> d 142  
L42 HAS NO ANSWERS  
L42 STR



*and change*

Structure attributes must be viewed using STN Express query preparation.

=> d 149  
L49 HAS NO ANSWERS  
L49 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

10/527,064

b7D  
2/12/07

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	240	(564/405).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/12 15:13
L2	787601	cu or copper	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 15:13
L3	79	l1 and l2	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/12 15:13